

T-MAX

Parameter Setting Guide

for single 3-A timers and 3-A remote timer systems.

Getting into the parameters

1. Remove timer from any other timers (if any).
2. Cycle power to timer.
3. When the timer displays * 0*, press and hold the **START/STOP** and **UP** arrow at the same time until the display reads * .1* (Solid decimal, solid one.) Release the buttons.
4. After making any changes to any parameters, press and hold the **UP** and **DOWN** arrows at the same time to **exit**.

Note: To exit, there must not be **ANY** numbers flashing. If there are, press **START/STOP** to exit that parameter, then try again.

Setting bed address

1. Get into parameters mode. (see above)
2. Go to parameter * .1* (solid decimal, solid one). When you get into the parameters mode, you should start off at parameter * .1*.
3. Press the **START/STOP** button once. The numbers should be flashing. This is your bed address.
4. Use **UP** and **DOWN** arrows to change bed address.
 - a. Solid decimal and 0~99 = 0~99
 - b. Flashing decimal and 0~28 = 100~128
 - c. Flashing decimal and 52~55 are not bed addresses.
 - d. Setting the bed address to zero * .0* (solid decimal flashing zero) will make that timer a remote timer.
5. Once you have your bed address set, press the **START/STOP** button once. The display should then read * .1* (solid decimal, solid one).
6. Exit, unless you are making changes to other parameters.

Setting the session delay

1. Get into parameters mode. (see above)
2. Press the **UP** arrow to take you to parameter * .3* (solid decimal, solid three)
3. Press the **START/STOP** button once.
4. Use the **UP** and **DOWN** arrows to set the amount of time, in minutes, that you want to give the person. This is the amount of time they have to get ready before the bed starts.
 - a. Time can be set between 0~10 minutes.
5. Press the **START/STOP** button once, to set that parameter.
6. Exit, unless you are making changes to other parameters.

Enable/ Disable the Clean Room Feature

1. Get into parameters mode.
2. Use the **UP** arrow to get to parameter * .9* (solid decimal, solid nine)
3. Press the **START/STOP** button once. A number will start flashing.
4. Set the parameter to
 - a. 0= Clean Room off.
 - b. 1= Clean Room on.

5. Press the **START/STOP** button once.
6. Exit. Unless you are making changes to other parameters.

Troubleshooting

A remote 3-A timer with a 3-A T-MAX timer on the bed.

Remote 3-A counts down, but the bed timer reads * 0*

1. Get into parameters on the remote timer.
2. Set remote timer's bed address to * .0*
3. Exit parameters.

Remote timer displays *39*.

1. Check bed address. Make sure bed address is set to * .1* (solid decimal, solid one).
2. Check timer cord (phone cord) between bed and remote timers. If another timer cord is available, try replacing the existing timer cord.

Note: Do not replace timer cords with regular phone cords. They will not work, and may damage the timers.

Bed timer (and remote timer if applicable) counts down, but the bed is not coming on

1. Check wire connections
 - a. On the bed timer board (connector marked CONTACT).
 - b. At the bed.

Display is dead

1. Is the timer plugged in all the way?
2. Does the timer have it's own power supply?
3. Check power connections on timer board. (connector marked PWR IN 9-12V)
4. Check the wall outlet with another timer, or radio if another timer is not available, to make sure the wall outlet works.

T-MAX PLUS/PRO Guide

Initial Setup

Before you plug in the T-MAX Manager Plus/PRO, make sure each bed has a different bed address. If there are two or more beds with the same address, the T-Max Manager Plus/Pro may not pick that address up and it may get confused and not pick up any other beds.

1. Apply power to the T-MAX Manager Plus/PRO. The T-MAX Manager Plus/PRO will scan the network to find all the 3-As.
2. Press the **Call/Menu** button. The display should show the following **Security #**. Enter your level 3 code. A sheet was provided with the T-MAX Manager Plus/PRO with the factory default settings for each security level.
3. The display should read: **GET PARAMS?** Press **Next**.
4. The display should read: **SEND PARAMS?** Press **Next**.
5. The display should read: **MGR PARAMS?** Press **Enter**.
6. The display should read: **MGR DELAY TIME**. Enter the amount of delay time, in minutes, you give your customers to get ready, then press **Enter**. (0~10 minutes available. 0= automatic start up.)
7. The display should read: **MGR START MODE**.
 - a. Enter a **1** if you want the bed to automatically start up when the session delay ends (if any).

- b. Enter a **0** if you want the person to have to press the start button in order for the bed to turn on after the session delay. If the session delay ends and the start button has not been pressed, the time will countdown, but the bed will not start until the start button is pressed.
 - c. Enter a **2** if you want to set an infinite delay. The session will only start after the person has pressed the start button, and there is no time limit.
 - d. Press **Enter**.
 8. The display should read: **MGR MAX BED**. Enter the number of beds that is on your system of timers. Then press **Enter**.
- Note: If you only have **6** beds, but are addressed **1,2,3,4,5,and 8**; enter **8** on the **MAX BED**.
9. The display should read: **MANAGER NUM**.
 - a. If you are only running one T-MAX Manager Plus/PRO, you can either press **0** then **Enter**, or just press **Enter**.
 - b. If you are running two or more T-MAX Manager Plus/PRO in a master/slave configuration, you must set the **Master** to **0**, and the other(s) to a unique address (1~8). You will have to do this setup on each T-MAX Manager Plus/PRO individually.
 10. The display should read: **MGR RE-SCAN TIME**. Without entering any numbers, press **Enter**.
 11. The display should read: **MAX SLAVE**. If you are only using one T-MAX Manager Plus/PRO, then just press **Enter**. If you are running a **Master/Slave** configuration go as follows:
 - a. Enter the number of the highest number you set any of the managers to. So if you only had three, and the **Master** was set to **0**, and a slave to **1** and the other slave to **3**, the **MAX** should be **3**. The highest number you can enter is **7**.
 12. The display should read: **SAVING PARAMS**. It will re-scan for the timers. Enter your **level 1** pass code, then the T-MAX Manager Plus/PRO should be ready for use.

Call/Menu Functions

Pass Code Levels

1. Press the **Call Menu** button once.
2. Your default codes should have been provided to you with your T-MAX Manager Plus/PRO. You must enter at least a code of **level 1** or higher to send any time to a bed.
3. If a valid code has been entered, there should be an asterisk in the lower left-hand corner of the display. There will be an asterisk for each level of code.
 - a. Level 1= *
 - b. Level 2= **
 - c. Level 3= ***

RE-SCAN

1. Press the **Call Menu** button once.
2. Enter **999** then press **Enter**. After the T-MAX Manager Plus/PRO **re-scans**, enter your **level 1** pass code. The T-MAX Manager Plus/PRO should then be ready for use.

Adding Beds

1. Press the **Call Menu** button once.
2. Enter your **level 3** pass code, then press **Enter**.
3. Go through like you are doing the **Initial Setup**, but when you get to **MAX BED**, remember to add however many you need.

Note: Remember that if you are using non-consecutive bed addresses, to use the highest bed address as your **MAX BED** number.

4. Finish up with your **Initial Setup**. Let the T-MAX Manager Plus/PRO **Re-Scan**, and make sure all the beds are being picked up. Enter your **level 1** pass code, then the T-MAX Manager Plus/PRO should be ready for use.

TROUBLESHOOTING

Can't Send Time To Bed

1. Make sure you have entered a pass code that is at **least** a **level 1** or higher. There should be at least one asterisk on the lower left-hand corner of the display.
2. Make sure that bed is available
3. Make sure your timer cord is plugged into the T-MAX Manager Plus/PRO and the bed timer.
4. Check to make sure the bed you are trying to send time to has a unique bed address.

No Beds Are Showing Up

1. Is the timer cord plugged into the T-MAX Manager Plus/PRO **and** the first bed in the chain.(if daisy chained)
2. Do all of the timers have power?
3. Do **all** of the timers have unique bed addresses?
4. Check timer connections to beds.
 - a. Is all of the timer wiring consistent?
 - b. Is any of the timer wire damaged? (Snagged or torn.)

Note: A torn timer wire any where in the system could short causing the whole timer system to not work and/or damage the timers and possibly the T-MAX Manager Plus/PRO.

- c. Is there a good connection to the timer cord ends? (The modular plugs.)
- d. Are any of the "phone" jacks on the timer boards damaged? (Usually if the whole timer system is down, and this is the problem, then it would be normally on the first timer in the chain.)

One or More Beds Not Showing Up

1. Check bed addresses.
2. If it's the timer(s) at the end of the timer system, check timer wire.
 - a. Is it plugged in?
 - b. Is it damaged?

Sends Time To the Wrong Bed

1. Check to make sure you are trying to send time to the right bed.
2. Check station address of the bed(s).

Note: This part requires getting into the parameters on the timer itself. Please see instructions for setting bed address.

Software

For any software related problems, please contact the manufacturer of the software for technical support.

Terms

Cycle the power- means you need to unplug, or disconnect power to, the timer. We recommend waiting around 10 seconds, then reconnecting.

Parameters- settings on the timer that are stored, some are used for information only, while others you can change (bed addresses, clean room feature, etc.)

Helpful Hints

If you can't get into parameters on a single T-MAX 3-A

1. Make sure the timer is not connected to any other timer or a T-MAX Manager Plus/PRO.
2. Remove power from the timer.
3. With the power removed, press and hold both the **START/STOP** and the **UP arrow**.
4. Apply power to the T-MAX 3-A timer. It should beep, and show a display of * .1* (solid decimal, solid one)
5. Release the buttons. You are in the parameters mode.